

AMENDMENTS TO THE CLAIMS

Claims 1-20. (Canceled)

21. (Currently amended) A glass touch panel comprising:
a first transparent glass substrate having thereon a first transparent conductive film; and
a second transparent glass substrate having thereon a second transparent conductive film
that opposes said first transparent conductive film,
wherein said first transparent glass substrate, as a touch input part, and said second
transparent glass substrate are bonded to one another via an adhesive in which fine particles
having hygroscopic features are mixed, with said fine particles being of ~~a material~~ silica which is
different than a material of said adhesive.

22. (Previously presented) The glass touch panel according to claim 21, wherein
each of said fine particles has a diameter of at most 50 μm .

23. (Previously presented) The glass touch panel according to claim 21, wherein
said fine particles are mixed in said adhesive at a weight ratio of at most 10%.

24. (Previously presented) The glass touch panel according to claim 21, further
comprising:
a silver electrode at a predetermined position on an outer periphery of said first
transparent conductive film, said silver electrode having mixed therein glass fibers.

25. (Previously presented) The glass touch panel according to claim 24, wherein
said glass fibers are mixed in said silver electrode at a weight ratio of at most 10%.

26. (Previously presented) The glass touch panel according to claim 24, wherein said silver electrode is formed from a silver paste having an electric resistivity of $5.0 \times 10^{-4} \Omega \text{cm}$.

27. (Previously presented) The glass touch panel according to claim 21, wherein said adhesive comprises one of

- (i) a thermosetting or room-temperature setting epoxy sealant, and
- (ii) a UV setting acrylic sealant.

28. (Previously presented) The glass touch panel according to claim 21, wherein a light transmittance of the glass touch panel is at least 85%.

29. (Previously presented) The glass touch panel according to claim 21, wherein an operation temperature of the glass touch panel is from -30°C to 65°C , under a condition of at most 90% RH.

30. (Previously presented) The glass touch panel according to claim 21, wherein a storing temperature of the glass touch panel is from -40°C to 85°C , under a condition of at most 95% RH.

31. (Previously presented) The glass touch panel according to claim 21, wherein an operation load of the glass touch panel is from 10 g to 200 g, when a switch is placed into a conductive state by pressing said first transparent glass substrate with a test rod having a top end radius of curvature of 4 mm, a diameter of 8 mm and a hardness of 60° .

32. (Previously presented) The glass touch panel according to claim 21, further comprising:

superfine thermosetting resin particle dot spacers, each having a diameter of from 20 μm to 100 μm and a height of from 3 μm to 6 μm , disposed on said second transparent conductive film at a pitch of from 2 mm to 4 mm.

33. (Previously presented) The glass touch panel according to claim 21, wherein said first transparent glass substrate comprises borosilicate glass or soda glass having a thickness of from 0.15 mm to 0.3 mm, and

said second transparent glass substrate comprises soda glass having a thickness of from 0.5 mm to 3.0 mm.

34. (Previously presented) The glass touch panel according to claim 21, wherein said first conductive transparent film is deposited onto said first transparent glass substrate in a predetermined shape by performing sputtering or chemical vapor deposition, and

said second conductive transparent film is deposited onto said second transparent glass substrate in a predetermined shape by performing sputtering or chemical vapor deposition.

35. (Previously presented) The glass touch panel according to claim 21, wherein a rating for the glass touch panel is at most 50 mA for DC 5V, and an insulation resistance of the glass touch panel is at least 10 M Ω between upper and lower electrodes for DC 25V.

36. (Previously presented) The glass touch panel according to claim 21, wherein a linearity of the glass touch panel is at most $\pm 3.5\%$.

37. (Previously presented) The glass touch panel according to claim 21, wherein a bounce of the glass touch panel by ordinary finger operation is at most 10 msec.

38. (Previously presented) The glass touch panel according to claim 21, wherein an electrostatic withstand voltage of the glass touch panel is at least 15 kV.

39. (Previously presented) The glass touch panel according to claim 21, wherein a dynamic range of the glass touch panel has a lower limit of from 0 to 0.7 V and an upper limit of from 5 to 4.6 V, with said dynamic range corresponding to a voltage transmitted as indication of contact with the glass touch panel.

40. (Previously presented) The glass touch panel according to claim 21, wherein a size of each of said first transparent glass substrate and said second transparent glass substrate is from 2 inches to 20 inches.

Claims 41 and 42. (Canceled)

43. (New) A method of manufacturing a glass touch panel, comprising:
forming a first transparent conductive film on a first transparent glass substrate;
forming a second transparent conductive film on a second transparent glass substrate;
with said first transparent conductive film opposing said second transparent conductive film, bonding said first transparent glass substrate, as a touch input part, to said second transparent glass substrate via an adhesive in which fine particles having hygroscopic features are mixed, with said fine particles being of silica which is different than a material of said adhesive.

44. (New) The method according to claim 43, wherein
said fine particles are mixed in said adhesive at a weight ratio of at most 10%, and
each of said fine particles has a diameter of at most 50 μm .

45. (New) The method according to claim 44, further comprising:
forming a silver electrode from silver paste in which glass fibers are mixed at a weight ratio of at most 10%.

46. (New) The method according to claim 45, wherein said first transparent glass substrate comprises a borosilicate glass substrate, said second transparent glass substrate comprises a soda glass substrate, said first transparent conductive film comprises a first film of ITO, and said second transparent conductive film comprises a second conductive film of ITO, and further comprising:

patterning said first conductive film of ITO and said second conductive film of ITO; and
forming super-fine particle dot spacers on said second conductive film of ITO.